

**AMENDMENTS TO THE ABSTRACT:**

Please amend the Abstract as follows:

~~The invention relates to a~~ A central unit for a multi-carrier system, ~~which comprises equipment for receiving a~~ both multi-carrier and single carrier signals. ~~consisting of a plurality of carrier waves, and additionally comprises equipment for receiving a signal from equipment which transmits on one carrier wave, single carrier equipment, in which this one~~ The single carrier wave is a carrier wave that is part of the multi-carrier system for which the central unit is designed. The central unit is ~~suitably equipped with means for scheduling~~ the transmission from the single-carrier equipment in interaction with the single-carrier equipment.

(Figure 4)